

AMENDMENTS TO THE CLAIMS

Please cancel Claim 5; and amend Claims 1, 2, 4, 6-9, and 11-16 as follows.

LISTING OF CLAIMS

What is claimed is:

1. (currently amended) A miter saw comprising:
a base;
a table rotatably secured to said base;
a detent system disposed between said table and said base, said detent system including a detent lever pivotably attached to said table at a first position, said detent system lever being movable between a first position where said table is releasable held with respect to said base by said detent system and a second position where said table is free to rotate relative to said base;

a locking mechanism ~~separate from said detent system and~~ disposed between said base and said table, said locking mechanism including a locking lever pivotably attached to said table at a second position, said second position being spaced from said first position, said locking mechanism lever movable between a first position where said table is locked to said base by said locking mechanism and a second position where said table is free to rotate relative to said base.

2. (currently amended) The miter saw according to Claim 1, wherein said locking mechanism comprises:

~~a lever assembly pivotably secured to said table to move said locking~~

~~mechanism between said first and second positions;~~

a locking bracket ~~fixedly~~ fixed to said table and movable between a released position and a locked position; and

a locking rod disposed between said locking lever assembly and said locking bracket, said locking lever assembly and said locking rod being operable to move said locking bracket between said released and said locked positions.

3. (original) The miter saw according to Claim 2, wherein said detent system further comprises:

A9 a detent plate fixedly secured to one of said table and said base, said detent plate defining at least one detent slot; and

a detent spring fixedly secured to the other of said table and said base, said detent spring being biased toward said detent plate, said detent spring defining a detent adapted to engage said at least one detent slot.

4. (currently amended) The miter saw according to Claim 3, ~~further comprising a~~ wherein said detent ~~override lever for moving~~ moves said detent spring away from said detent plate.

5. (cancelled)

6. (currently amended) The miter saw according to Claim 4, wherein said detent ~~override~~ lever is adjacent said locking lever assembly.

7. (currently amended) The miter saw according to Claim 1, wherein said locking mechanism comprises:

~~a locking lever pivotally secured to said table to move said locking mechanism between said first and second positions;~~

a locking bracket fixedly secured to said table and movable between a released position and a locked position; and

a locking rod disposed between said locking lever and said locking bracket, said locking lever and said locking rod being operable to move said locking bracket between said released and said locked positions; and

said detent system further comprises:

AG a detent plate fixedly secured to one of said table and said base, said detent plate defining at least one detent slot; and

a detent spring fixedly secured to the other of said table and said base, said detent spring being biased against said detent plate.

8. (currently amended) The miter saw according to Claim 7, wherein said ~~detent system further comprises a detent override lever pivotally secured to said other of said table and said base, said lever being~~ is operable to move said detent spring away from said detent plate.

9. (currently amended) The miter saw according to Claim 7, wherein said ~~detent override lever~~ is adjacent said locking lever.

10. (original) The miter saw according to Claim 1, wherein said detent system is biased into said first position.

11. (currently amended) A miter saw comprising:
a base;
a table rotatably secured to said base;
a detent system disposed between said table and said base, said detent system including:

a detent lever pivotably attached to said table at a first position;

Ag a detent plate fixedly secured to ~~one of said base and said table~~,
said detent plate defining at least one detent slot;

a detent spring fixedly ~~secure~~ secured to ~~the other of said base and~~
said table, said detent spring being biased toward said detent plate, said detent spring
engaging said at least one detent slot to releasable hold said table with respect to said
base, said detent lever engaging said detent spring;

a locking mechanism disposed between said base and said table, said
locking mechanism being separate from and parallel to said detent system, said locking
mechanism including:

a lever pivotably secured to said table at a second position to move
said locking mechanism between a locked and an unlocked position, said second
position being spaced from said first position;

a locking bracket fixedly secured to said table and movable
between a released and a retained position;

a locking ~~and~~ rod disposed between said locking lever and said locking bracket, said locking rod moving said locking bracket to said retained position when said locking lever is pivoted to said locked position.

12. (currently amended) The miter saw according to Claim 11, wherein said detent system ~~further includes a detent override lever pivotally secured to said other of said base and said table for moving~~ moves said detent spring away from said detent plate.

13. (currently amended) The miter saw according to Claim 12, wherein said locking rod is parallel to said detent ~~override~~ lever.

14. (currently amended) The miter saw according to Claim 13, wherein said locking rod is adjacent said detent ~~override~~ lever.

15. (currently amended) The miter saw according to Claim 12, wherein said detent ~~override~~ lever is biased away from said detent spring.

16. (currently amended) The miter saw according to Claim 12, wherein said detent ~~override~~ lever is disposed adjacent said locking lever.